

CLAIMS

What is claimed is:

1 1. A method for holding a print job requiring unavailable resources,
2 the method comprising:

3 (a) evaluating the resource requirements of the print job;

4 (b) comparing the resource requirements to known available
5 resources; and,

6 (c) responsive to a resource deficiency exposed by the
7 comparison, communicating the print job to a printer with a command to hold
8 the print job.

1 2. The method of claim 1 further including responsive to the resource
2 deficiency exposed by the comparison:

3 (a) creating instructions for remedying the resource deficiency;

4 and,

5 (b) providing the instructions to a remedy provider.

1 3. The method of claim 2 wherein providing the instructions to the
2 remedy provider includes printing the instructions.

1 4. The method of claim 2 wherein providing the instructions to the
2 remedy provider includes displaying the instructions on the printer.

1 5. The method of claim 2 further including:

2 (a) the remedy provider remedying the resource deficiency;

3 and,

4 (b) the printer processing the print job.

1 6. The method of claim 1 wherein comparing the resource
2 requirements to known available resources includes:
3 (a) discovering available resources for the printer; and,
4 (b) comparing the resource requirements to the discovered
5 available resources.

1 7. The method of claim 1 further including:
2 (a) communicating to the printer the resource deficiency;
3 (b) monitoring the resource deficiency for a remedy; and,
4 (b) responsive to the remedy of the resource deficiency,
5 processing the print job.

1 8. A system for holding a print job requiring unavailable resources,
2 the system comprising:
3 (a) a print driver configured to evaluate the resource
4 requirements of the print job;
5 (b) the print driver further configured to compare the resource
6 requirements to known available resources; and,
7 (c) the print driver further configured to respond to a resource
8 deficiency exposed by the comparison, by communicating the print job to a
9 printer with a command to hold the print job.

1 9. The system of claim 8 further including a remedy provider and
2 wherein the print driver is further configured to respond to a resource deficiency
3 exposed by the comparison by creating instructions for remedying the resource
4 deficiency and providing the instructions to a remedy provider.

1 10. The system of claim 9 wherein the print driver configured to
2 respond to a resource deficiency exposed by the comparison by providing the
3 instructions to a remedy provider includes the print driver configured to respond

4 to a resource deficiency exposed by the comparison by communicating the
5 instructions to the printer for printing.

1 11. The system of claim 9 wherein the print driver configured to
2 respond to a resource deficiency exposed by the comparison by providing the
3 instructions to a remedy provider includes the print driver configured to respond
4 to a resource deficiency exposed by the comparison by communicating the
5 instructions to the printer for display on the printer.

1 12. The system of claim 9 further including:
2 (a) means for the remedy provider remedying the resource
3 deficiency; and,
4 (b) the printer configured to process the print job.

1 13. The system of claim 8 wherein the print driver further configured
2 to compare the resource requirements to known available resources includes:
3 (a) the print driver further configured to discover available
4 resources for the printer; and,
5 (b) the print driver further configured to compare the resource
6 requirements to discovered available resources.

1 14. The system of claim 8 further including:
2 (a) the driver configured to communicate the resource
3 deficiency to the printer;
4 (b) the printer configured to monitor the resource deficiency for
5 a remedy; and,
6 (c) the printer configured to respond to the remedy of the
7 resource deficiency by processing the print job.

1 15. A program storage device readable by a computer, tangibly
2 embodying a program, applet, or instructions executable by the computer to
3 perform method steps for holding a print job requiring unavailable resources, the
4 method steps comprising:

- 5 (a) evaluating the resource requirements of the print job;
6 (b) comparing the resource requirements to known available
7 resources; and,
8 (c) responsive to a resource deficiency exposed by the
9 comparison, communicating the print job to a printer with a command to hold
10 the print job.

1 16. The program storage device of claim 15 wherein the method steps
2 further include responsive to the resource deficiency exposed by the
3 comparison:

- 4 (a) creating instructions for remedying the resource deficiency;
5 and,
6 (b) providing the instructions to a remedy provider.

1 17. The program storage device of claim 16 wherein the method step
2 of providing the instructions to the remedy provider includes printing the
3 instructions.

1 18. The program storage device of claim 16 wherein the method step
2 of providing the instructions to the remedy provider includes displaying the
3 instructions on the printer.

1 19. The program storage device of claim 15 wherein the method step
2 of comparing the resource requirements to known available resources includes:
3 (a) discovering available resources for the printer; and,

1 20. The program storage device of claim 15 wherein the method steps
2 further include communicating to the printer the resource deficiency;